

From ab4el.com Thu Sep 1 00:31:37 1994
From: jason@persoft.com (Jason F. Penn)
Subject: 24hr Radio Shack Clock

Greetings. This past spring, someone on this list pointed out that Radio Shack has a 24 hour format digital clock with BIG (1.8 inch) digits. I bought one. I like it. I only bring this up because the Radio Shack flyer I got in today's mail says it is on sale for something like \$17.98. The usual price is about \$25 or so.

I've no interest in Radio Shack or Tandy Corporation. I'm just a (usually kind of, sort of) satisfied customer.

73 de jason
--

Jason F. Penn N9RPT | Persoft, Inc. | jason@persoft.com
Whenever I want to find something, it's always in the last place I look.

From ab4el.com Tue Aug 30 14:14:31 1994
From: ARDAI@MAVEN.DNET.ICD.teradyne.com
Subject: ANNOUNCEMENT: QRP LIST MOVES TO NETCOM

The qrp mailing list has been moved from Think.com to netcom.com. Here is the newinfo file for the list.

Note:

- The list name is now qrp-l@netcom.com. Please stop using the copy of the list on think.com
- Send mail to listserv@netcom.com to subscribe and unsubscribe
- Currently, there is no digest version of the list (I am waiting for netcom to upgrade their Majordomo. Digest subscribers have been added to the regular mailing list.
- For the time being, the FTP archives will remain on think.

If you have any questions, send me mail at nlist@netcom.com.

Thanks very much to Bruce for maintaining the list up to now.
72,
/mike

~~~~~  
Welcome to the Internet QRP mailing list.

The QRP mailing list is open for discussion of any subjects relating to low-power amateur radio operation. Example topics: portable operation,

equipment design and construction, solar and battery power, QRPp, contesting, kit building, ....

There is also an anonymous FTP repository on host Think.COM in directory pub/radio/ham/qrp. This directory will hold things relating to this group, including the archives of the mailing list and whatever relevant contributions y'all come up with. If you want to upload something, mail it to QRP-Admin, or if it's really big, ask QRP-Admin what to do.

There is no list of Frequently Asked Questions (FAQ) and answers for this list. If it becomes apparent we need a FAQ, we'll talk about it over the list itself; if you have ideas about what it should contain, help us out and write it up!

This list was started by Chuck Adams (adams@sgi.com) by an announcement on the rec.radio.amateur.misc USENET group in early 1993. Bruce Walker maintained the mailing lists and FTP area from then through August 1994. Chuck is still the keeper of the non-electronic archives, including copies of some schematics, etc. Contact him directly or watch this list for more info.

This mailing list is maintained by Majordomo. Send mail to listserv@netcom.com with the following commands in the body of the message (the subject is ignored)

To subscribe: subscribe qrp-l  
To unsubscribe: unsubscribe qrp-l  
For more information: help

Please keep your mailing address up to date. If your account is being changed or shut down, please update majordomo. If your mail bounces for 'no such user' or 'no such machine', you will be removed from the lists.

To send a message to the list, mail it to 'qrp-l@netcom.com'.

This list is sponsored by the Boston Amateur Radio Club.  
If you have any questions, I can be reached at nlist@netcom.com  
For more information on the Boston ARC, subscribe to barc-list

73,

Michael L. Ardai N1IST

These are the ham-related mailing lists available on Netcom. For more info on any of these, send a message with 'info barc-list' in the body. (Replace barc-list with any other list you want info on.)

arrl-exam-list: amateur radio license examinations scheduled in the US and  
in some foreign areas.  
arrl-nediv-list: bi-monthly bulletins from the ARRL NE Division director

arrl-ve-list: Info for ARRL VEs from the VEC  
barc-list: Information, discussion and announcements for the Boston Amateur  
Radio Club and hams in Eastern Massachusetts.  
qrp-l: Low-power radios - construction and operating  
w1aw-list: ARRL bulletins, news, and information  
newsline-list: Redistribution of Amateur Radio Newsline  
letter-list: Redistribution of the ARRL Letter  
barc-races: RACES in Massachusetts and emergency management  
fox-list: Fox hunting and Radio Direction Finding  
ky1n-list: VE exams in New England  
fielddorg-l: ARRL field organization discussions  
ham-tech: Technical discussions and questions about Amateur Radio

From ab4el.com Wed Aug 31 20:31:19 1994  
From: ARDAI@MAVEN.DNET.teradyne.com  
Subject: Administrivia

Sorry I wasn't clear in my original post. Everyone who was subscribed to either qrp@think.com or qrp-digest@think.com by last Thursday (8/25) was automatically moved over to qrp-l@netcom.com. You do not need to resubscribe.

qrp@think.com has been made an alias that points to netcom, so all posts should be coming to the new list.

A digest will be available as soon as Netcom upgrades Majordomo. They are planning to do that later this year, but right now are fighting serious problems with their mail spool (more than 32K files in /usr/spool/mail) which will have to be fixed first.

72,  
/mike  
n1list@netcom.com

From ab4el.com Wed Aug 31 00:31:32 1994  
From: burdick@interval.com (Wayne Burdick)  
Subject: CQ DE N6KR

I still contend that one can wake up a dead band this way!

Wayne, N6KR

From ab4el.com Wed Aug 31 16:19:35 1994  
From: mcronenw@pyramid.com (Mark Cronenwett)  
Subject: Call for QRPp Tidbits

In case you don't know, I am the person responsible for the "Tidbits" column in the QRPp journal. This post is a call (plea) for submissions for that column.

I am in need of material for inclusion in the column, and I am coming up on a deadline. I have received great material from this group in the past (most of it I might add). I have noticed a small increase in the articles sent to me by regular mail as the club has grown. Everybody has a little neat thing that helps them in the hobby, and there might just be somebody out there that might want that information too. So send me your little "Tidbit" and I can put it right into the column. ASCII schematic or drawing submissions are accepted and will be put on the CAD program for inclusion. If you want to send that drawing in the mail, check the address in the beginning of Tidbits for information.

EOP (end of plea)

Thanks, Mark

P.S. I am planning on being the fox in September sometime around the 11th or so. This will be a SSB hunt for the promotion of that mode. So look for a posting later in the month.

--

|                |                                |                                 |
|----------------|--------------------------------|---------------------------------|
| -m-----        | Mark Cronenwett                | Wk: (408)428-7543               |
| --mm-----      | Customer Services              | Fax:(408)428-7450               |
| -----mmmmmm--- | Pyramid Technology Corporation |                                 |
| -----mmmmmm--  | San Jose, California           |                                 |
| -----mmmmmm--  | mcronenw@pyramid.com           | KA7ULD(@N0ARY.#NOCAL.CA.USA.NA) |

From ab4el.com Wed Aug 31 23:26:21 1994  
From: jeffrey@math.hawaii.edu (Jeffrey Herman)  
Subject: Here's 'simple'

You can't get any simpler than this:

\*\*\*\*\*

Subject: PROJECT 1: 40M QRP XMTR

Hi Gang,

Here is the first of many very SIMPLE QRP transmitters. I make no claims to their performance! In the next few weeks I'll give you xmtrs for 80, 40, 20, and 2 meters; most requiring 3 or less transistors. The circuits come from 2 out-of-print ham projects books (c. 1968) so I will assume there will be no copyright problems.

Project 1 is a simple 40 meter xmtr; it should only take 15 minutes to build it (if you've got the parts). I wasn't able to draw the symbol for each part on this terminal, so I put the part number in it's place. Hope you don't mind... Note that the case of Q1 should be grounded. Here's the text for this project, taken from "101 EASY HAM RADIO PROJECTS" by Robert M. Brown, k2zsq/w9hbf and Tom Kneital, k2aes/wb2aai:

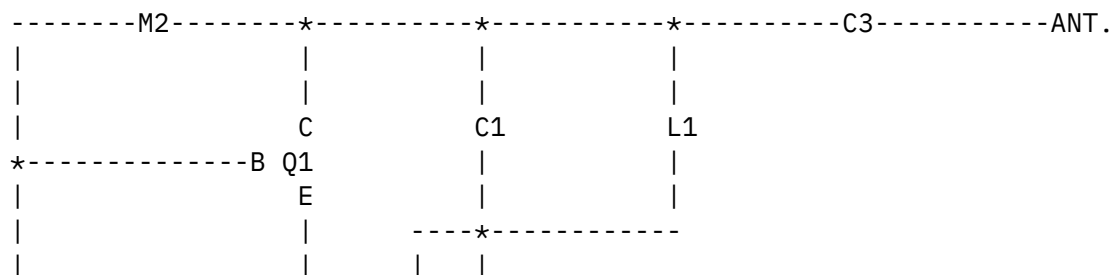
"Want to really shake up your next contact? Just tell him you are using this one-transistor CW rig! Most Novices and other hams shy away from these little gems thinking they are hopelessly underpowered. Not so! More than 50 contacts - all located over 75 miles distant - have been logged with this rig connected to the backyard longwire!

"Construction is quite simple and, in fact, there is not much to say about it. Reason: there isn't very little that can go wrong!

"L1 should be adjusted for maximum deflection on an FSM as the key is depressed. Crystal should be a fundamental frequency type for 40-meter operation."

Parts list:

C1 68 pF capacitor  
C2 .015 uF capacitor  
C3 10 pF capacitor  
L1 25 turns of No. 26 enameled wire wound on a 3/8 in. slug-tuned form (National XR-91 or equiv.)  
M1 4.5 volt battery  
M2 40-meter fundamental freq. crystal  
Q1 GE-9 transistor  
R1 91K resistor



```

R1          GND      |   |
|           |       C2  | |
|           |       |   |
|           |      GND  |
|           |       |   |
-----*-----_M1+---KEY-----GND

```

That's it! Note that GND = ground (and note the polarity of M1).  
 For Q1, I've labelled its leads B = base, C = collector, E = emitter.  
 \* indicates a junction of 3 or more leads.  
 Remember, no flames if it doesn't work; I'm just the messenger!

Jeff, NH6IL

From ab4el.com Wed Aug 31 19:59:28 1994  
 From: lhalliday@creo.bc.ca  
 Subject: Lists vs. Newsgroups

Count me in as one who doesn't have USENET access. Just email.

The signal-to-noise ratio of rec.radio.amateur.anything does not  
 compare well with the QRP and BoatAnchors lists. The current  
 email situation suits me just fine.

73 from Burnaby,  
 laura VE7LDH

P.S. If you hear G/VE7LDH next week around 0500Z (groan) on 40,  
 or on 20 around 1900Z, it is indeed me...the TS-120V is ready to  
 go, and I'll visit somebody like Martin Lynch for a cheap power  
 supply...

From ab4el.com Wed Aug 31 02:00:39 1994  
 From: N8ET@delphi.com  
 Subject: More R2/T2 Quadrature Stuff.

I spoke with KK7B tonight on the land line about a number of things  
 including the quadrature network..... He has tried the flip flops a number  
 of years back, and said they worked great for 90 degree shift.... trouble is  
 that with the shifts in the mixers and other parts of the circuits, the key  
 thing is to get very close to 90 and then be able to adjust the phase of one  
 of the signals about a degree or so to be able to compensate for the  
 particular physical layout. One way to do that is to use the flip flops, and  
 put a pi net (lumped element transmission line) in line with each one. That  
 will shift each signal another 90 degrees, and by adjusting the capacitor in

the pi, you can get the required adjustment. There are some well defined formulas that define the L and C values for the phase shift in the pi network.

Rick also remembered something about the "twisted wire on a ferrite" hybrid for controlling the phase shift. He said N1EKV did some work on that several years back, and was able to get the 90 degree phase shift over a wide range, but the amplitude balance left something to be desired. He thought there was a good write up on it in RF Design about 6 to 8 years ago. I do not have access to RF design - can someone else on the list check it out??

I think I remember something like that in Ham Radio - I have every issue of that one, but the last cumulative index has nothing on it. I'll keep digging, but may be a while since the last part for the first run of the R2 and T2 kits is due to arrive tomorrow, and I will be getting kits out the door for a couple of days...

If I get a chance tmrw I will go by the local club and look on our index on the PC and see what I can come up with.

72/73 - Bill - N8ET  
Kanga US  
n8et@delphi.com

From ab4el.com Wed Aug 31 21:31:43 1994  
From: Bruce Walker <bruce@Think.COM>  
Subject: QRP list moved and forwarded

Many, many thanks to Mike, N1IST, for taking the QRP list to Netcom. I have arranged for mail to qrp@think.com to be forwarded to qrp-l@netcom.com (along with the -request addresses). In other words, there is only one list now, and it is at netcom, but both addresses will continue to work for a while; i.e., don't send mail to both the netcom and think addresses, or two copies will go out to the list!

The think.com address was well publicized enough that I wanted to keep it alive for a while. How long that forwarding will occur I don't know and don't have any control over, so use the netcom list unless you forget...

Also, many thanks (and many "you're welcome"s) to those of you who have sent personal mail to me wishing me well and thanking me for hosting the list; it's been my pleasure! To those of you who have been concerned about my welfare, I have another job lined up, but since I haven't formally accepted, I won't reveal it quite yet. After next week, I'll probably disappear for a few weeks of R&R and then reappear from another net address. Sorry to clutter the list with so much personal stuff!

--bruce WT1M

From ab4el.com Wed Aug 31 12:42:50 1994  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: QRP mail group

Gang,

A thousand thanks to Bruce Walker, WT1M, of Framingham, MA and to Thinking Machines for the more than one year support of the QRP mail service.

It is my belief that this service has brought together some of the greatest minds in the QRP world - both technically and operationally. Minds like N6KR, AA2U, and others who share ideas, feelings, and the tremendous amount of help that we have all gotten for others in this group.

We have seen the birth of a club, Northern California QRP Club, and it's tremendous and rapid growth from a handful of dedicated guys to over 700 members WORLDWIDE. Along with two successful kit projects for designs by Wayne Burdick, N6KR. It gives me chills thinking about it.

Congratulations to the group to maintaining a high level of civility (sp?) and keeping the flame wars below the noise level, which is very very low for this group.

I'm sure that we all look forward to many more years of discussions on how terrible the propagation is until the sunspots come back, how to really get a SSB rig for \$20 to work ( :- ) and a CW rig for only \$5 that has solid-state QSK at 70wpm and 0Hz drift in a blizzard in Fairbanks AK.

Thanks to Mike Ardai, N1IST, for taking over the high dollar job of maintaining this group. We are most appreciative.

dit dit

p.s. Bruce Walker, I owe you dinner for you and yours the next time I'm in the Boston area, or you come through Dallas. At the restaurant of your choice (in that city). :- ) No dinner at the Hilton in Honolulu and a plane ticket to same. :- ) Again many thanks.

Chuck Adams K5FO CP-60  
adams@sgi.com



From ab4el.com Wed Aug 31 02:03:06 1994  
From: N8ET@delphi.com  
Subject: R2/T2 Kit update

I called Mouser today - The last part "is in the mail" and should be here tomorrow. Shipping should start this week for the R2 and the T2.

Rick is picking up the new run of R1 boards tomorrow, and I should have some in hand in the next week or so. The R1 board has a couple of minor upgrades on it. He is stuffing a couple of miniR2 boards and will be getting me the proper part numbers for the miniR2 so I can get that one underway also, so for those of you that have ordered the R1 or the miniR2, there is hope.

Lastly - for those of you putting your own together - it was pointed out to me tonight that Digi-Key no longer supplies the NE5514. Use a TL-084 in it's place. An LM 324 will work, but not as well.

72/73 - Bill - N8ET  
Kanga US  
n8et@delphi.com

From ab4el.com Wed Aug 31 20:46:10 1994  
From: Alan Kaul <kaul@netcom.com>  
Subject: Re:Random Wire Tuner,etc

Despite the subject line, this is actually about counters.... in response to item from R-D Keys about building an Internet counter

I agree that we should consider some simple test gear for Internet users in the qrp-l group. We should not set the goal as the finished construction project but to think of the project as the means by which we can accomplish a much more important goal: teaching electronics by doing and thus, increasing the abilities of the average qrp-l subscriber.

I don't think the educational process ever ends. I have built dozens of rigs (my first was a 6V6 tri-tet transmitter back in the 50's when I was a Novice). I'm now building the Norcal 40 and am working on a circuit to make a switchable tri-bander out of 'the two-er' transmitter which first appeared in 73 and CQ so long ago. But the point is, I'm still learning, still looking for a better way to do things. And along the way to the finished product, I think we all should be!

Now back to the original thought. Yes, I think we should have an Internet counter. I happen to own a small counter (older Opto. \$125-range) which has a few shortcomings (reads only to one decimal place). I may not build the counter with everyone else, but I surely will build the prescaler (if there is one). And I will read

every dispatch, hoping that I will be able to soak up some small fact or bit of information that I can use sometime in the future on some as-yet-undreamed-of-project.

72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From ab4el.com Wed Aug 31 17:17:52 1994  
From: Duane P Mantick <wb9omc@ecn.purdue.edu>  
Subject: Re: Simple vs. complex rigs

Wrote wb2cpu sometime back:

>"Well, I understand what you're saying. The thing that most QRPers have in  
>common is the realization that if you go out and buy a commercial, high  
>power radio, working stuff isn't that difficult and challenging, and  
>therefore, not that interesting or much fun. So we impose rules on

But to be fair, that practice of buying a commercially made rig with say, typically, 100 watts output certainly has not DECREASED in the last 50 years. Obviously, somebody still finds this mode of Amateur Radio to be "fun" - perhaps they prefer as their "niche" in the hobby the fine art of Ragchewing. And I can tell you, Ragchewing is damn difficult when you gotta strain to hear every peep or word....

Plus, the practice of using a commercially built, typical 100 watt rig is SO widespread that, unless you're a ham masochist like me, you gotta have it to succeed in most kinds of contests. I'll probably not win any contests with my HR2510, but by god I get my elbows in there and scrap for every QSO I can get. To a certain extent there is a bit of satisfaction in "finessing" up to the big boys.... :-)

>ourselves to make things more difficult. The obvious one is staying below  
>five watts. Some of us make things even more challenging by adding even  
>more rules -- milliwatting, going all homebrew, using 'simple' equipment,  
>scronging parts from old TVs, etc., are some of the ways we do this.  
>There's no right and wrong here. Each individual decides which of these  
>restrictions to follow to make things interesting for them. If using a

You posed a problem and solved it all in this section. I always caution people to be wary of making themselves out as the "purists" of the hobby. I have been, at times, guilty to a certain extent in that I have railed against those who simply "BUY their QSO's along with their amplifiers" as being more like glorified CB'ers than true hams.

That isn't really fair, because if there is an emergency and communications are needed over long distances RELIABLY it will not likely be the QRP crowd providing them. Those running a couple hundred WILL be.

NOW having said that, I will STILL rail against those who get lazy and routinely use a megawatt when a milliwatt will do. :-)

>computer violates your sense of how you want to operate, fine. I don't  
>(and never have) owned a 'Yaecomwood' to fall back to when QRP gets too  
>difficult (ok, I had a Drake 2B receiver in the '60s). That's the way I'm  
>playing the game to make things interesting to me. To me, using a  
>commercial transceiver is about as exciting as using a VCR. My goal is to  
>create as much of a high-performance homebrew, QRP as I can. If that  
>involves using a computer to make it doable, that's fine with me.

I still feel like something of a "ham stepchild" with my HR2510. The QRO guys think I'm a "low power freak", but many QRP contests/certificates will not accept me because I routinely peak at 10 and average 7 watts. Too much, they say. Yet I have the cards on the wall to prove that I can work DX on 10 meters, USB, from 28.3 to 28.5 MHz. Why did I buy and why do I use the rig?

Because I haven't GOT the money to buy something commercially made that will give me a bit more oomph in contests, etc.

Why don't I homebrew a "REAL" QRP rig? I had thought about it for a long time but I'm in a position where enough of my time is taken up by other interests that if I spent my "ham-time" acquiring, building and testing, I'd never have any time on the air!

>When you go beyond the (relatively small) QRP community, other hams  
>aren't necessarily looking for the same kind of challenges. Most DXers  
>and contesters aren't going to give up the performance and convenience  
>that they're used to in their rigs. If you're going to convince them to  
>go homebrew you have to offer them a way of getting these features in  
>homebrew gear. I think the approach I suggested does this.

I have noticed a lot of mail go by talking about what are the "desireable features" that one might like, and in general, I have to agree with much of what I've seen. Sometimes, though, I wanted to laugh a little bit. Many "features" that people would LIKE to see take some additional technology to do. The more technology you add to \*anything\*, and that includes homebrew gear, the more complexity you are likely to add and what's worse, boost the PRICE and the difficulty of getting the needed parts.

I really had a good laugh when a co-worker and I were discussing

the use of a such-and-such chip in a homebrew ham rig and then found out that you could get it in a Surface Mount package. Since we deal with SMT's in our shop and know what it takes to \*successfully\* do soldering and desoldering in SMT, the idea brought forth about putting a rig in a 35mm film can using SMT devices popped up, and we thought there'd be a great market for troubleshooting all the ones that WON'T WORK BECAUSE SO MANY PEOPLE COULDN'T SOLDER ANYTHING THAT SMALL !!!!!

: -) : -) : -)

Duane  
wb9omc

From ab4el.com Wed Aug 31 19:37:20 1994  
From: "Kevin Anderson" <GGANDERSON@Augustana.edu>  
Subject: Re: Simple vs. complex rigs

[I won't quote all that Duane wrote...]

Let me repeat what an esteemed member of this list is often attributed to say:

"Amateur radio -- a 1,000 hobbies rolled into one"

(or something to that effect; attributed to KR1S).

I think there is room for both simple and complex rigs to be designed by this list. My preference is toward the simple, meaning "simple" in totality -- not a reliance on ICs that outwardly are "simple", but indeed complex inside. But I am just one vote.

Please remember all of us have a common value system here -- that of challenging the ether and our own wits with low (how low can you go?) power. Now that isn't necessarily a simple task, is it? Could it be that a complex rig means YOU can be simple, and a simple rig means YOU must be complex? <grin>

Onward.... 73 de Kevin, KB9IUA

P.S. Thanks to Netcom and BARC -- at least we can continue!  
\*\*\*\*\*  
Kevin L. Anderson, Geography Dept., Augustana College  
Rock Island, Illinois 61201 USA phone: (309) 794-7325  
e-mail: gganderson@augustana.edu or kla@helios.augustana.edu  
\*\*\*\*\*

From ab4el.com Wed Aug 31 16:22:07 1994  
From: adams@chuck.dallas.sgi.com (chuck adams)  
Subject: Thanks

I sent this to qrp and I had it aliased  
to the new address. Here it is again  
for the think.com group.

-----

Gang,

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level, which is very very low for this group.

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discussions on how terrible the propagation is until the  
sunspots come back, how to really get a SSB rig for \$20  
to work ( :- ) and a CW rig for only \$5 that has solid-  
state QSK at 70wpm and 0Hz drift in a blizzard in Fairbanks  
AK.

Thanks to Mike Ardai, N1IST, for taking over the high dollar  
job of maintaining this group. We are most appreciative.

dit dit

p.s. Bruce Walker, I owe you dinner for you and yours the  
next time I'm in the Boston area, or you come through

Dallas. At the restaurant of your choice (in that city).  
:-) No dinner at the Hilton in Honolulu and a plane  
ticket to same. :-) Again many thanks.

Chuck Adams K5FO CP-60  
adams@sgi.com

-----  
Chuck Adams K5FO CP-60  
adams@sgi.com

From ab4el.com Wed Aug 31 21:45:21 1994  
From: Craig LaBarge <74740.3166@compuserve.com>  
Subject: The List

Howdy:

While I was glad to hear that someone has taken over the QRP List, I'm disappointed that there isn't a digest version available yet. Since my Internet access is limited (and the individual mailings are a bit much to keep up with), I guess I'm going to have to quit the list for a while.

I'm sure gonna miss it! Somebody send me an email message if they get a digest version started. See you on QRP calling freqs!

73/72 to all,

Craig WB3GCK

```
=====
| Craig LaBarge WB3GCK/QRP          |           |
| Email: 74740.3166@CompuServe.com  | Just say no |
| Packet: WB3GCK@N3DPU.#EPA.PA.USA.NA | to QRO!    |
| CW: 30 & 40 Meters                |           |
=====
```

From ab4el.com Tue Aug 30 18:25:36 1994  
From: "DONALD A. COLEMAN (EXT. 2850)" <DACOLEMAN@fair1.fairfield.edu>  
Subject: Re: The List

Pardon any redundancy that may result from these operations. I myself consider any such to be someone else's fault--or perhaps to his credit!

My wife has a Seeing Eye dog, and the word is "pfui!" It's from the German.

73

Don Coleman, W1VOQ

From ab4el.com Wed Aug 31 12:38:18 1994  
From: k9hi@netcom.com (Phil Temples)  
Subject: Re: The List

Once upon a time, Jeffrey Herman wrote:

| I just read on r.r.a.misc that a new qrp mail list has been created  
| through listserv - its called qrp-1 and the poster of the article  
| said it was created to take over the list run by Bruce at think.com!!!  
|  
| Gee, that sure happened fast. Just yesterday Chuck was asking for  
| one of us to step forward to provide a host machine, and suddenly  
| today a new list has been created by listserv.  
|  
| Did anyone else know about this? I feel kind of left out of the  
| discussion, if there was one (maybe you folks discussed this  
| during the 2 weeks I was gone earlier in the month).  
|  
| Phooey.  
|

Hi Jeff (and the list):

Actually, Bruce has been asking for several weeks now.

Mike, N1IST, agreed to step forward and help out Bruce. Mike is not only an active participant of the QRP list, but more importantly, he is quite adept at mailing lists. He maintains about a dozen different lists at the present time. Some are already national in scope--like the distribution of the ARRL VEC volunteer exam schedule.

Rather than categorizing it as a "new qrp" list, just be thankful that someone has agreed to take take (more) time from their busy schedule to pitch in.

73,  
Phil

---  
Phil Temples                      125 Coolidge Avenue Suite 808, Watertown MA 02172 USA  
Phone: +1 617 926 5986                      E-mail: k9hi@netcom.com

From ab4e1.com Wed Aug 31 04:34:44 1994  
From: jeffrey@math.hawaii.edu (Jeffrey Herman)  
Subject: ftp think.com

Gang,

Can someone tell this ignorant computer user how to go about downloading some files at think.com via ftp? I'm not familiar with the ftp commands. In particular, I'm interested in the qrp circuits archived at think.com.

Thanks!

Jeff NH6IL

From ab4e1.com Wed Aug 31 17:16:22 1994  
From: F\_SPEERJR@TITAN.SFASU.EDU  
Subject: Re: internet qrp group

>I vote that we do not make the group public.  
> a. It keeps the noise level down.  
> b. We won't get newbies asking what does this  
> group do and what is QRP? It does happen.

I vote to go to usenet if we can. The other ham newsgroups are NOT much troubled by flame wars, and I doubt we would be. And we can use all the newbies we can get. They are the future of the hobby, and of our part of it.

>p.s. to subscribe, send message body 'subscribe qrp-l'  
> to listserv@netcom.com  
>  
> that's all there is to it

Are the present subscribers not automatically moved to the new location? I thought we were.

--

If RST > 519  
Then cut\_power;

Jim Speer, K5YUT  
f\_speerjr@titan.sfasu.edu

From ab4e1.com Wed Aug 31 21:51:04 1994  
From: stark <mswmod@sage.unr.edu>  
Subject: Re: internet qrp group

On Wed, 31 Aug 1994, chuck adams wrote:



>  
> Gang,  
>  
> I vote that we do not make the group public.  
> a. It keeps the noise level down.  
> b. We won't get newbies asking what does this  
> group do and what is QRP? It does happen.  
>  
>  
> I'm not trying to condone an exclusive group, anyone  
> can join. I'm just concerned at what will happen to  
> the value of the group if the non-QRPers get into the  
> fray and we get into flame wars on why we take the  
> abuse that we do trying to signal with a flashlight  
> in a hurricane. :-)  
>  
> Just Do It - I think that's the motto.  
>  
> dit dit de k5fo es c u on qrp-l@netcom.com  
>  
> Chuck Adams K5FO CP-60  
> adams@sgi.com  
>  
>

Dito

73's, Ron

.....KU7Y.....  
.....Monte "Ron" Stark.....  
.....Sun Valley, Nevada.....

From ab4el.com Wed Aug 31 21:36:29 1994  
From: Duane P Mantick <wb9omc@ecn.purdue.edu>  
Subject: take two, bounced mail

Wrote wb2cpu sometime back:

>"Well, I understand what you're saying. The thing that most QRPers have in  
>common is the realization that if you go out and buy a commercial, high  
>power radio, working stuff isn't that difficult and challenging, and  
>therefore, not that interesting or much fun. So we impose rules on

But to be fair, that practice of buying a commercially made rig

with say, typically, 100 watts output certainly has not DECREASED in the last 50 years. Obviously, somebody still finds this mode of Amateur Radio to be "fun" - perhaps they prefer as their "niche" in the hobby the fine art of Ragchewing. And I can tell you, Ragchewing is damn difficult when you gotta strain to hear every peep or word....

Plus, the practice of using a commercially built, typical 100 watt rig is SO widespread that, unless you're a ham masochist like me, you gotta have it to succeed in most kinds of contests. I'll probably not win any contests with my HR2510, but by god I get my elbows in there and scrap for every QSO I can get. To a certain extent there is a bit of satisfaction in "finessing" up to the big boys.... :-)

>ourselves to make things more difficult. The obvious one is staying below  
>five watts. Some of us make things even more challenging by adding even  
>more rules -- milliwatting, going all homebrew, using 'simple' equipment,  
>scronging parts from old TVs, etc., are some of the ways we do this.  
>There's no right and wrong here. Each individual decides which of these  
>restrictions to follow to make things interesting for them. If using a

You posed a problem and solved it all in this section. I always caution people to be wary of making themselves out as the "purists" of the hobby. I have been, at times, guilty to a certain extent in that I have railed against those who simply "BUY their QSO's along with their amplifiers" as being more like glorified CB'ers than true hams.

That isn't really fair, because if there is an emergency and communications are needed over long distances RELIABLY it will not likely be the QRP crowd providing them. Those running a couple hundred WILL be.

NOW having said that, I will STILL rail against those who get lazy and routinely use a megawatt when a milliwatt will do. :-)

>computer violates your sense of how you want to operate, fine. I don't  
>(and never have) owned a 'Yaecomwood' to fall back to when QRP gets too  
>difficult (ok, I had a Drake 2B receiver in the '60s). That's the way I'm  
>playing the game to make things interesting to me. To me, using a  
>commercial transceiver is about as exciting as using a VCR. My goal is to  
>create as much of a high-performance homebrew, QRP as I can. If that  
>involves using a computer to make it doable, that's fine with me.

I still feel like something of a "ham stepchild" with my HR2510. The QRO guys think I'm a "low power freak", but many QRP contests/certificates will not accept me because I routinely peak at 10 and average 7 watts. Too much, they say. Yet I have the cards on the wall to prove that I can work DX on 10 meters, USB, from

28.3 to 28.5 MHz. Why did I buy and why do I use the rig?

Because I haven't GOT the money to buy something commercially made that will give me a bit more oomph in contests, etc.

Why don't I homebrew a "REAL" QRP rig? I had thought about it for a long time but I'm in a position where enough of my time is taken up by other interests that if I spent my "ham-time" acquiring, building and testing, I'd never have any time on the air!

>When you go beyond the (relatively small) QRP community, other hams  
>aren't necessarily looking for the same kind of challenges. Most DXers  
>and contesters aren't going to give up the performance and convenience  
>that they're used to in their rigs. If you're going to convince them to  
>go homebrew you have to offer them a way of getting these features in  
>homebrew gear. I think the approach I suggested does this.

I have noticed a lot of mail go by talking about what are the "desireable features" that one might like, and in general, I have to agree with much of what I've seen. Sometimes, though, I wanted to laugh a little bit. Many "features" that people would LIKE to see take some additional technology to do. The more technology you add to \*anything\*, and that includes homebrew gear, the more complexity you are likely to add and what's worse, boost the PRICE and the difficulty of getting the needed parts.

I really had a good laugh when a co-worker and I were discussing the use of a such-and-such chip in a homebrew ham rig and then found out that you could get it in a Surface Mount package. Since we deal with SMT's in our shop and know what it takes to \*successfully\* do soldering and desoldering in SMT, the idea brought forth about putting a rig in a 35mm film can using SMT devices popped up, and we thought there'd be a great market for troubleshooting all the ones that WON'T WORK BECAUSE SO MANY PEOPLE COULDN'T SOLDER ANYTHING THAT SMALL !!!!!

:-) :-) :~)

Duane  
wb9omc

From ab4el.com Wed Aug 31 19:22:29 1994  
From: jeffrey@math.hawaii.edu  
Subject: the list

Regarding what Chuck said,  
I don't believe there is any need for anyone on think.com to resubscribe to the new list - it appears that we've already

been transferred by the list owners.

And as I said yesterday, the topic-specific \*newsgroups\* such as .space, .digital, .homebrew, .antenna, .swap are VERY noise-free so I'm sure a .qrp newsgroup would attract very little noise (sorry to disagree with you Chuck).

As long as we've got listserv as a host no further need to discuss this but if we're ever faced with losing a host then we'll need to open up the discussion again for the sake of our survival.

Jeff NH6IL

From ab4el.com Thu Sep 1 00:18:14 1994  
From: jeffrey@math.hawaii.edu  
Subject: the list

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Jeff NH6IL